

California Regional Water Quality Control Board
North Coast Region

MONITORING AND REPORTING PROGRAM NO. R1-2003-0057

For

UNOCAL #2672
1075 SANTA ROSA AVENUE
SANTA ROSA, CALIFORNIA

Sonoma County

Monitoring

1. The presence of floating product shall be evaluated in each monitoring well quarterly. If detected, the thickness shall be measured to nearest 0.01-ft increment.
2. The depth to groundwater in each monitoring well shall be determined to the nearest 0.01-foot increment quarterly. The results of each quarter's elevation measurements shall be reported in tabular form indicating the surveyed elevations of each well reference point, depth to groundwater from reference point, and the actual groundwater elevation. The data generated from the elevation readings must be referenced to mean sea level.
3. Monitoring wells MW-1 through MW-11 shall be sampled quarterly. The groundwater samples shall be analyzed by a California certified laboratory for the following constituents:
 - a. Total petroleum hydrocarbons as gasoline
 - b. Volatile organic compounds: benzene, toluene, ethylbenzene, xylenes, ethylene dibromide (EDB), and 1,2-dichloroethane
 - c. Fuel oxygenates: methyl tertiary butyl ether (MTBE), diisopropyl ether (DIPE), ethyl tert-butyl alcohol (ETBE), tert-amyl methyl ether (TAME),
4. Samples from monitoring wells MW-1 through MW-8 shall be analyzed annually for the following dissolved metals: chromium, uranium, vanadium, selenium, lead, and molybdenum.

Reporting

A ground water elevation contour map shall be submitted for each quarterly set of measurements and include the facility, groundwater flow pattern including the direction of the groundwater gradient, and the location of the wells measured.

Quarterly monitoring reports, including quarterly gradient data and quarterly and annual sampling data, shall be submitted to this office in accordance with the following schedule:

<u>Reporting period</u>	<u>Due Date</u>
January, February, March	April 15
April, May, June	July 15
July, August, September	October 15
October, November, December	January 15

Ordered by _____

Susan A. Warner
Executive Officer
April 18, 2003